

Funder	Project Title	Funding	Strategic Plan Objective	Institution
National Institutes of Health	Statistical Methods to Localize Disease Heritability and Identify Biological Mechanisms	\$849,495	3.1	Broad Institute, Inc.
Simons Foundation	Cryptic Genetic Causes of Autism	\$125,000	3.1	Massachusetts General Hospital
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	University of Illinois at Chicago
Simons Foundation	Rush-Chicagoland SPARK	\$200,000	3.1	Rush University Medical Center
Simons Foundation	SPARK Incentive Award	\$1,400	3.1	Rush University Medical Center
Simons Foundation	Boston Children's Hospital Clinical Site for the National Autism Cohort	\$200,000	3.1	Boston Children's Hospital
Simons Foundation	SPARK recruitment center in Iowa	\$200,000	3.1	The University of Iowa
Simons Foundation	SPARK Incentive Award	\$600	3.1	The University of Iowa
Simons Foundation	University of Miami Clinical Site Network for the National Autism Cohort	\$197,712	3.1	University of Miami
National Institutes of Health	Integrating the Genomics of Autism Spectrum Disorders(ASD) in Consanguineous and "Idiopathic" Families	\$587,312	3.1	Yale University
Simons Foundation	SPARK Incentive Award	\$0	3.1	University of Miami
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Yale University
National Institutes of Health	1/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$841,112	3.1	Yale University
National Institutes of Health	3/3 Multidimensional Investigation of the Etiology of Autism Spectrum Disorder	\$267,432	3.1	Yale University
Simons Foundation	Somatic Mosaicism in autism spectrum disorders	\$274,879	3.1	Yale University
Simons Foundation	Characterizing the severely affected autism population	\$368,642	3.1	Maine Medical Center
Simons Foundation	SPARK Northern New England	\$100,000	3.1	Maine Medical Center
Simons Foundation	Cognitive and Brain Imaging Study of Autism Spectrum Disorder Risk Alleles	\$0	3.1	Yale University School of Medicine
Brain & Behavior Research Foundation	Regulation of an Activity-dependent Transcription Factor by MeCP2	\$0	3.1	Johns Hopkins University School of Medicine
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Emory University
Simons Foundation	SFARI National Autism Cohort - Emory Autism Center	\$15,000	3.1	Emory University
Simons Foundation	Clinical Site Network for the National Autism Cohort	\$200,000	3.1	Kennedy Krieger Institute
National Institutes of Health	3/3 Building Integrative CNS Networks for Genomic Analysis of Autism	\$242,004	3.1	Johns Hopkins University
Simons Foundation	SPARK Incentive Award	\$0	3.1	Hugo W. Moser Research Institute at Kennedy Krieger, Inc.
Simons Foundation	Pieces of the Puzzle: Uncovering the Genetics of Autism	\$1,144,726	3.1	Broad Institute, Inc.

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Simons Foundation	Spatiotemporal and cell type convergence to reveal ASD neurobiology	\$275,000	3.1	University of California, San Francisco
Simons Foundation	SPARK Incentive Award	\$1,800	3.1	The Regents of the University of California (Davis)
Simons Foundation	SPARK Incentive Award	\$0	3.1	The Regents of the University of California, Los Angeles
National Institutes of Health	Impact of Cumulative Genetic Risk on Brain Connectivity in ASD	\$38,319	3.1	University of California Los Angeles
Simons Foundation	SPARK Incentive Award	\$0	3.1	The Regents of the University of California, San Diego
National Institutes of Health	4/4 - The Autism Sequencing Consortium: Autism Gene Discovery in >50,000 Exomes	\$268,276	3.1	University of California, San Francisco
Autism Science Foundation	Undergraduate Research Award	\$0	3.1	University of California, San Francisco
Simons Foundation	Interpreting de novo tandem repeat variants in ASD using genetic constraint	\$0	3.1	The Regents of the University of California, San Diego
National Institutes of Health	Systems Level Integration of Genetic, Transcriptomic, and Epigenomic Data in Autism	\$59,038	3.1	University of California Los Angeles
National Institutes of Health	Gene Expression Profiling of iPSC Derived Neurons in Autism Spectrum Disorder	\$803,452	3.1	Stanford University
National Institutes of Health	Expanding the Accessible Genetic Architecture of Autism by Single Molecule Sequencing	\$707,657	3.1	University of California, San Diego
Simons Foundation	A multi-platform approach to the functional assessment of ASD gene variants	\$120,000	3.1	University of British Columbia
Brain & Behavior Research Foundation	Whole Brain Microscopy to Quantify the Effect of ASD Associated Mutations on Brain Development	\$17,500	3.1	University of California, San Francisco
National Institutes of Health	Decoding the Genetics of Sexual Dimorphism in Autism Spectrum Disorders	\$396,250	3.CC	University of California, San Francisco
Autism Speaks	Autism Spectrum Disorders: Genomes to Outcomes	\$266,000	3.1	The Hospital for Sick Children
Brain & Behavior Research Foundation	Identification of Genetic Mutations in Consanguineous Families with Autism Spectrum Disorders using Whole Exome Sequencing	\$0	3.1	The Hospital for Sick Children
Simons Foundation	Analysis of autism-associated alleles in <i>C. elegans</i>	\$119,872	3.1	California Institute of Technology
National Institutes of Health	Genome Clustering for Clinical Subtype Detection in Autism	\$49,524	3.1	University of California, San Diego
Simons Foundation	Transgenerational mitochondrial mutations in autism	\$78,744	3.1	The Hospital for Sick Children
Simons Foundation	DNA Genotek Inc.	\$1,761,691	3.1	DNA Genotek Inc.

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Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	University of California, Los Angeles
National Institutes of Health	Autism Genetics Phase II: Increasing Representation of Human Diversity	\$2,405,991	3.1	University of California Los Angeles
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	McGill University Health Centre- Montreal Children's Hospital
Simons Foundation	Genomic prediction to study autism liability and phenotype relationship	\$72,382	3.1	Institut National de la santé et de la recherche médicale, DR Paris5
Autism Research Institute	Analysis of Common Factors in Genetic and Non-Genetic ASD Models	\$19,472	3.1	University of Limerick
Simons Foundation	Validation of candidate ASD genes by targeted sequencing with molecular inversion probes	\$0	3.1	University of California, San Francisco
Brain & Behavior Research Foundation	Ambra1 Gene and Gender-Specificity of ASD Phenotype: What Can We Learn On the Role of Brain Hyperexcitability In Triggering Autism?	\$35,000	3.1	Santa Lucia Foundation-CNR
Brain & Behavior Research Foundation	SINEUPs Technology to Rescue CHD8 Haploinsufficiency: Possible New Avenues of Therapeutical Intervention for Autism Spectrum Disorders (ASD)	\$17,500	3.1	University of Trento
Simons Foundation	UC Davis MIND Institute Clinical Site for National Autism Cohort	\$200,000	3.1	University of California, Davis
Simons Foundation	SFARI Clinical Site Network for the National Autism Cohort	\$249,974	3.1	University of California, Los Angeles
Simons Foundation	Establishing a San Diego and Southwest Regional Autism Cohort	\$200,000	3.1	University of California, San Diego
Simons Foundation	Disentangling autism heterogeneity through multivariate genetic analyses	\$0	3.1	Max Planck Institute for Psycholinguistics
FRAXA Research Foundation (FRAXA)	Genome-wide Screen for FMR1 Reactivation in Human FXS Neural Cells	\$0	3.1	National University of Singapore and Agency for Science, Technology and Research (A*STAR)
Simons Foundation	Spatio-Temporal Gene Discovery for Autism Spectrum Disorder	\$0	3.1	Bilkent University
National Institutes of Health	Utilizing eQTL Networks to Gain Biological Insight into Multigenic CNVs	\$395,638	3.1	University of California, San Francisco
Simons Foundation	1/4 SSC-ASC Whole Genome Sequencing Consortium: Association Testing	\$108,219	3.1	The Regents of the University of California, San Francisco (Contracts & Grants)
Simons Foundation	Mechanisms of complex genetic inheritance in ASD	\$0	3.1	The Regents of the University of California, San Diego
National Institutes of Health	1/3 Building Integrative CNS Networks for Genomic Analysis of Autism	\$578,940	3.1	University of California Los Angeles
Simons Foundation	Assessing the functional effects of enhancer mutations identified in the Simons Simplex Collection via mouse models	\$84,900	3.1	University of California, Davis

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Simons Foundation	Colorado Clinical Autism Network Site (C-CAN)	\$57,446	3.1	University of Colorado, Denver
National Institutes of Health	Investigation of DUF1220 Domains in Human Brain Function and Disease	\$387,382	3.1	University of Colorado Denver
National Institutes of Health	3/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$323,614	3.1	University of California, San Francisco
National Institutes of Health	1/3 Multidimensional Investigation of the Etiology of Autism Spectrum Disorder	\$226,069	3.1	University of California, San Francisco
National Institutes of Health	2/3 Integrative Genomic Analysis of Human Brain Development and Autism	\$634,770	3.1	University of California Los Angeles
National Institutes of Health	Integrative Functional Genomic Study of Pathways Impacted by Recurrent Autism CNV	\$506,480	3.1	University of California, San Diego
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Baylor College of Medicine
Simons Foundation	In Vivo Functional Analysis of Autism Candidate Genes	\$122,782	3.1	Baylor College of Medicine
Simons Foundation	SPARK at Baylor College of Medicine	\$250,000	3.1	Baylor College of Medicine
Simons Foundation	Integrative Analysis of Common Variation Associated with Autism	\$0	3.1	The University of North Carolina at Chapel Hill
Simons Foundation	SPARK Incentive Award	\$8,400	3.1	Baylor College of Medicine
Simons Foundation	Integrated CNV analysis of SPARK exomes	\$0	3.1	University of Washington
Simons Foundation	Clinical Site Network for the National Autism Cohort at NCH Ohio	\$200,000	3.1	Nationwide Children's Hospital
Simons Foundation	Cincinnati Children's- Simons SFARI Autism Cohort Submission	\$200,000	3.1	Cincinnati Children's Hospital Medical Center
Simons Foundation	SPARK Incentive Award	\$0	3.1	Nationwide Children's Hospital
Simons Foundation	SPARK Incentive Award	\$0	3.1	Cincinnati Children's Hospital Medical Center
Simons Foundation	SPARK Incentive Award	\$1,800	3.1	Geisinger Clinic
Simons Foundation	2/4 SSC-ASC Whole Genome Sequencing Consortium: Statistical Models	\$89,029	3.1	University of Pittsburgh
Simons Foundation	PreventionGenetics LLC	\$1,482,263	3.1	PreventionGenetics LLC
Simons Foundation	Interactome perturbation splits risk from benign de novo missense mutations - Project 1	\$0	3.1	University of Pittsburgh
Simons Foundation	Interactome perturbation splits risk from benign de novo missense mutations - Project 2	\$57,844	3.1	Carnegie Mellon University
National Institutes of Health	Rare Mutations and Autism Spectrum Disorders	\$734,245	3.1	University of Washington
Simons Foundation	Use of High-throughput Splicing Assays to Prioritize Autism Gene Candidates	\$0	3.1	Brown University

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Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$0	3.1	University of Washington
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	University of Washington
National Institutes of Health	Phenotypic Characterization of Gene Disrupting Mutations in ASD	\$363,525	3.1	University of Washington
Simons Foundation	Investigating the role of somatic mutations in autism spectrum disorders	\$0	3.1	Oregon Health & Science University
Simons Foundation	Oregon SPARK: National Autism Cohort 50K	\$200,000	3.1	Oregon Health & Science University
Simons Foundation	SPARK Incentive Award	\$0	3.1	Oregon Health & Science University
Simons Foundation	South Carolina SPARK	\$200,000	3.1	Medical University of South Carolina
Simons Foundation	SPARK Incentive Award	\$2,200	3.1	Medical University of South Carolina
Simons Foundation	Clinical Site Network for the National Autism Cohort	\$200,000	3.1	University of Washington
Simons Foundation	Structural Variation and the Genetic Architecture of Autism	\$0	3.1	University of Washington
Simons Foundation	SPARK Incentive Award	\$13,600	3.1	University of Washington
National Institutes of Health	Gene Dosage Imbalance in Neurodevelopmental Disorders	\$781,054	3.1	Geisinger Clinic
Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	Vanderbilt University Medical Center
Simons Foundation	Carolina SPARK: Carolina Site for the SFARI National Autism Cohort	\$200,000	3.1	Univ of North Carolina, Chapel Hill
Simons Foundation	SPARK Incentive Award	\$9,600	3.1	Univ of North Carolina, Chapel Hill
Simons Foundation	SPARK Vanderbilt	\$200,000	3.1	Vanderbilt University Medical Center
Simons Foundation	SPARK Incentive Award	\$800	3.1	Vanderbilt University Medical Center
Simons Foundation	Interaction of WGS Variation and Polygenic Risk	\$274,960	3.1	University of Utah
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants - Project 1	\$0	3.1	University of Pittsburgh
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants - Project 2	\$32,295	3.1	Carnegie Mellon University
National Institutes of Health	The Future of Genomics Medicine in Patient Care: Contributions from CHOP	\$906,296	3.1	Children's Hospital of Philadelphia
National Institutes of Health	Dimensional Analysis of Developmental Brain Disorders Using an Online, Genome-First Approach	\$574,308	3.1	Geisinger Clinic
Simons Foundation	CHOP National Autism Cohort Study	\$250,000	3.1	Children's Hospital of Philadelphia
Simons Foundation	Analyses of the SFARI genotype and phenotype data and their associations: In support of research at the Simons Foundation	\$132,624	3.1	University of Pennsylvania

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National Institutes of Health	2/3 Multidimensional Investigation of the Etiology of Autism Spectrum Disorder	\$188,157	3.1	Carnegie Mellon University
Simons Foundation	Dissecting phenotypic heterogeneity associated with 16p12.1 deletion	\$75,000	3.1	Pennsylvania State University
Simons Foundation	SPARK Incentive Award	\$4,800	3.1	Children's Hospital of Philadelphia
Simons Foundation	Geisinger ADNI: SPARK Clinical Research Site	\$199,899	3.1	Geisinger Clinic
National Institutes of Health	3/4 - The Autism Sequencing Consortium: Autism Gene Discovery in >50,000 Exomes	\$391,692	3.1	University of Pittsburgh at Pittsburgh
Simons Foundation	Simons Variation in Individuals Project (VIP) Site	\$5,943	3.1	Baylor College of Medicine
National Institutes of Health	Complete Gene Knockouts in Autism: Identification and Functional Characterization	\$442,500	3.1	Boston Children's Hospital
Autism Speaks	MSSNG	\$1,740,895	3.1	Autism Speaks
Simons Foundation	ASD research enhanced by Minnesota community, roots and diversity	\$200,000	3.1	University of Minnesota
Simons Foundation	SPARK Incentive Award	\$0	3.1	Regents of the University of Minnesota - Twin Cities
Simons Foundation	Simons Variation in Individuals Project (VIP) Principal Investigator	\$370,706	3.1	Columbia University
National Institutes of Health	Novel Statistical Methods for DNA Sequencing Data, and Applications to Autism	\$478,313	3.1	Columbia University Health Sciences
Simons Foundation	Identification and analysis of functional networks perturbed in autism	\$0	3.1	Columbia University
Simons Foundation	Rare human knockouts in autism: patterns and mechanisms	\$151,874	3.1	Boston Children's Hospital
National Institutes of Health	Phenotypic Profiling of ASD Risk	\$449,194	3.1	Broad Institute, Inc.
Simons Foundation	Mississippi collaborative autism cohort study (M-CACS)	\$65,000	3.1	University of Mississippi Medical Center
Simons Foundation	Interactome perturbation by large-scale mutagenesis to find risk variants ñ Core	\$95,655	3.1	Cornell University
Simons Foundation	CADB Clinical Site Network	\$15,000	3.1	Weill Cornell Medical College
Simons Foundation	Interactome perturbation splits risk from benign de novo missense mutations - Core	\$91,500	3.1	Cornell University
Simons Foundation	Maximizing autism gene discovery by machine learning and single cell data	\$0	3.1	The Trustees of Columbia University in the City of New York
Simons Foundation	Regeneron Pharmaceuticals, Inc.	\$5,591,718	3.1	Regeneron Pharmaceuticals, Inc.
National Institutes of Health	Integrative Methods for the Identification of Causal Variants in Mental Disorder	\$400,720	3.1	Columbia University Health Sciences
National Institutes of Health	2/3 Building Integrative CNS Networks for Genomic Analysis of Autism	\$278,880	3.1	Massachusetts General Hospital

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Simons Foundation	Simons Simplex Collection support grant	\$0	3.1	University of Missouri
Simons Foundation	4/4 SSC-ASC Whole Genome Sequencing Consortium: UTR mutation analysis	\$99,182	3.1	Washington University in St.Louis
Simons Foundation	In vitro modeling of genetic subtypes of autism	\$150,000	3.1	Creighton University
National Institutes of Health	Integrative Genomics to Map Risk Genes and Pathways in Autism and Epilepsy	\$760,914	3.1	Icahn School of Medicine at Mount Sinai
Simons Foundation	Genetic Contribution to Autism	\$1,728,834	3.1	Cold Spring Harbor Laboratory
National Institutes of Health	Multiplex Analysis of Autism Mutations with Isogenic Human Embryonic Stem Cell Lines	\$49,524	3.1	Weill Medical Coll of Cornell Univ
National Institutes of Health	1/4 - The Autism Sequencing Consortium: Autism Gene Discovery in >50,000 Exomes	\$508,546	3.1	Icahn School of Medicine at Mount Sinai
Simons Foundation	NeuroDev: Genetic Characterization of Neurodevelopmental Disorders in African Populations	\$1,392,782	3.1	Broad Institute, Inc.
Simons Foundation	Discovery and Functional Characterization of Structural Variation in Autism	\$158,816	3.1	Massachusetts General Hospital (The General Hospital Corp.)
Simons Foundation	Mitochondrial DNA Mutations in Autism Spectrum Disorder	\$146,906	3.1	Cornell University
Simons Foundation	SPARKing a global gene discovery effort in ASD: SNVs and indels	\$0	3.1	Broad Institute, Inc.
Simons Foundation	SPARKing a global gene discovery effort in ASD: structural variation	\$0	3.1	Broad Institute, Inc.
Simons Foundation	Thompson Center Clinical Site for Simons National Autism Cohort	\$200,000	3.1	University of Missouri
Simons Foundation	SPARK Incentive Award	\$3,600	3.1	University of Missouri
National Institutes of Health	The Autism Sequencing Consortium: Autism Gene Discovery in >50,000 Exomes	\$465,407	3.1	Broad Institute, Inc.
National Institutes of Health	Highly Parallel Analysis of 5' and 3' UTR Variants in Autism Spectrum Disorders	\$616,856	3.1	Washington University
Simons Foundation	A somatic mechanism for ASD phenotypic heterogeneity	\$0	3.1	University of Michigan

